

Data File : BM017515.D
Acq On : 05 Nov 2018 14:41
Operator : MJ/SJ
Sample : J5701-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40F9DL

Quant Time: Nov 06 00:37:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 06 00:34:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	233987	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1050266	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	617868	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1643231	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1892639	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1977519	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	3387	0.67	ng/uL	0.01
5) Phenol-d5	6.82	99	59726	2.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	45382	3.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	52419	3.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	48761	2.89	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	25127	3.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	27750	3.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	42817	2.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	64373	4.61	ng/ul	0.01
44) Dimethylphthalate-d6	13.69	166	188660	3.56	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	221645	3.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	17286	1.75	ng/ul	0.03
58) Fluorene-d10	15.27	176	167397	3.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	17832	1.56	ng/ul	0.00
71) Anthracene-d10	17.13	188	255764	3.14	ng/ul	0.00
79) Pyrene-d10	19.43	212	330638	3.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	366657	3.51	ng/ul	0.00

Target Compounds				Qvalue		
45) Dimethylphthalate	13.74	163	60660	1.182	ng/ul	99
50) Acenaphthene	14.40	153	96924	2.242	ng/ul#	1
76) Di-n-butylphthalate	18.05	149	134954	1.378	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.15	149	3320982	51.797	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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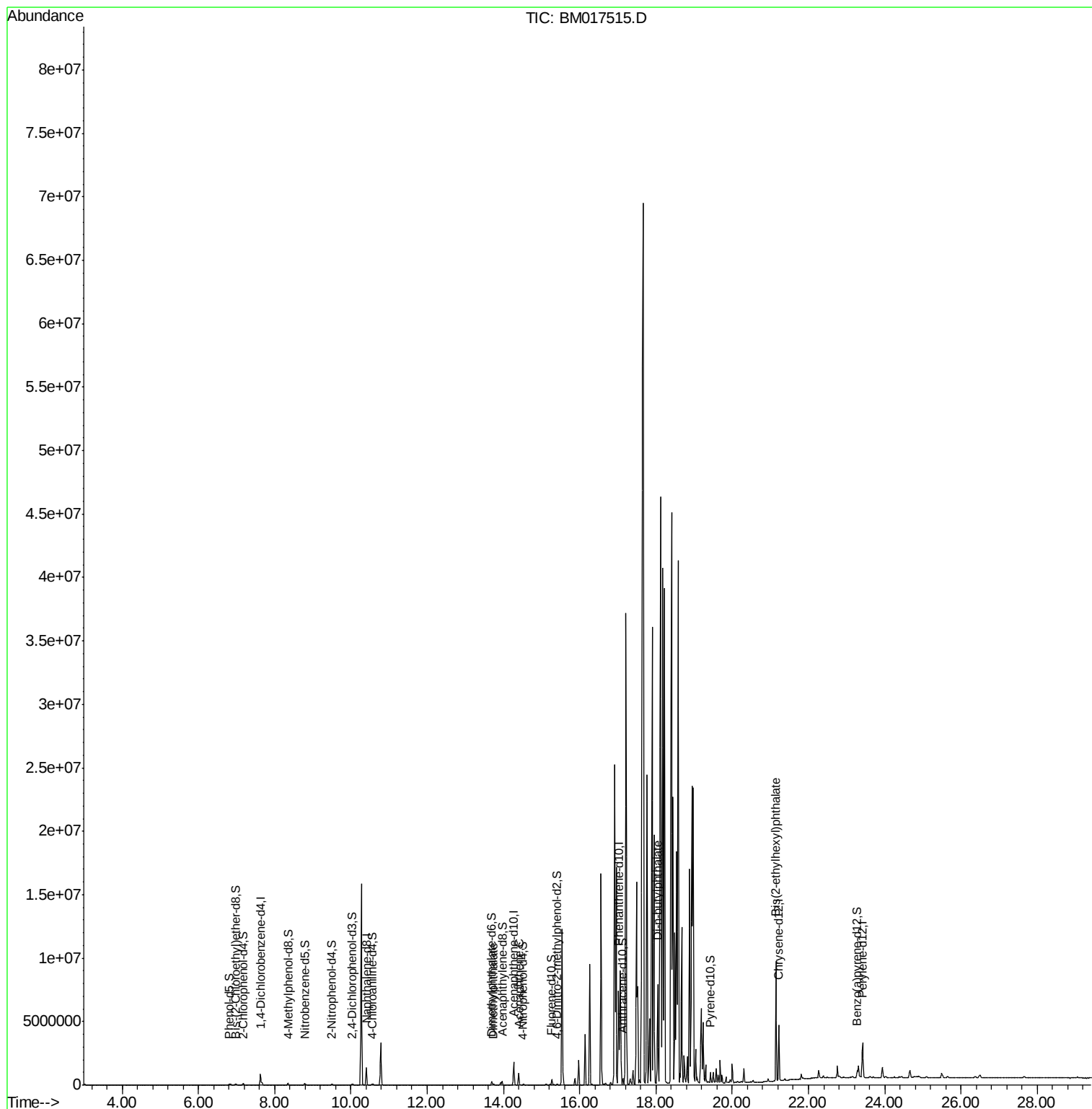
Quant Time: Nov 06 00:37:36 2018

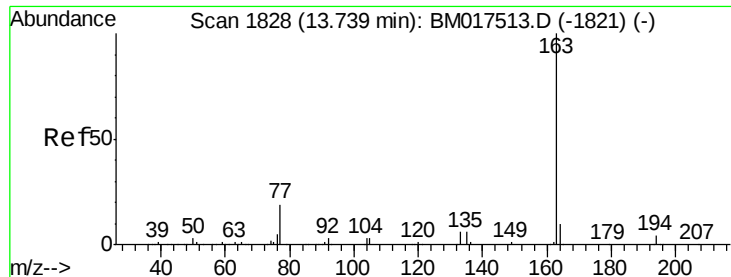
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M

Quant Title : SVOA CALIBRATION

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#45

Dimethylphthalate

Concen: 1.182 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. 0.00 min

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ClientSampleID :

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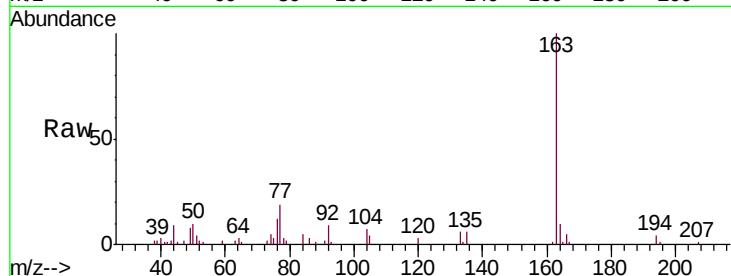
Tgt Ion:163 Resp: 60660

Ion Ratio Lower Upper

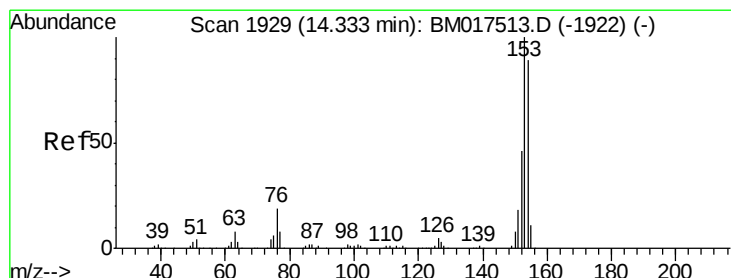
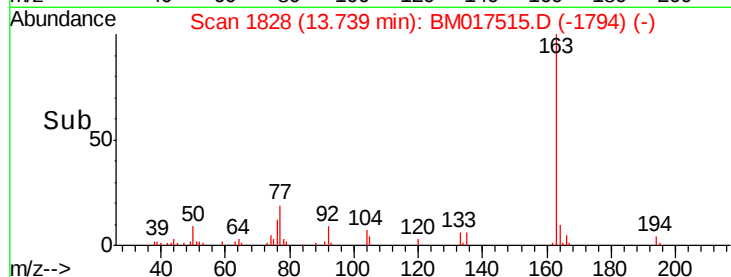
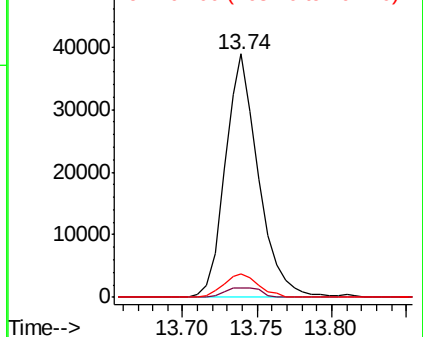
163 100

194 3.8 3.2 4.8

164 9.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 2.242 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. 0.06 min

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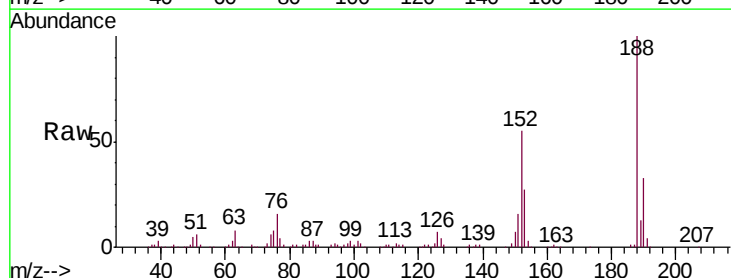
Tgt Ion:153 Resp: 96924

Ion Ratio Lower Upper

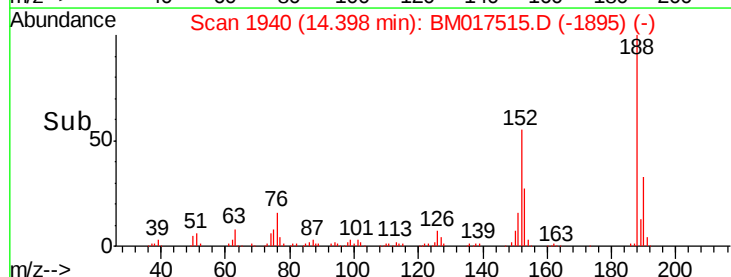
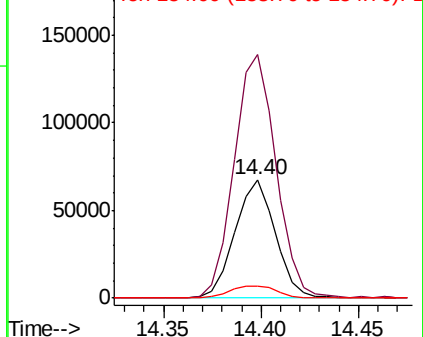
153 100

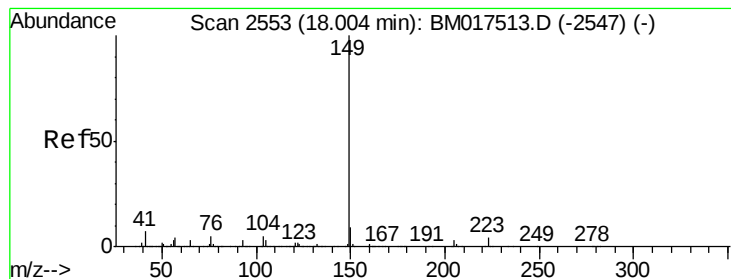
152 205.0 36.9 55.3#

154 10.5 72.2 108.4#



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#76

Di-n-butylphthalate

Concen: 1.378 ng/ul

RT: 18.05 min Scan# 2560

Delta R.T. 0.04 min

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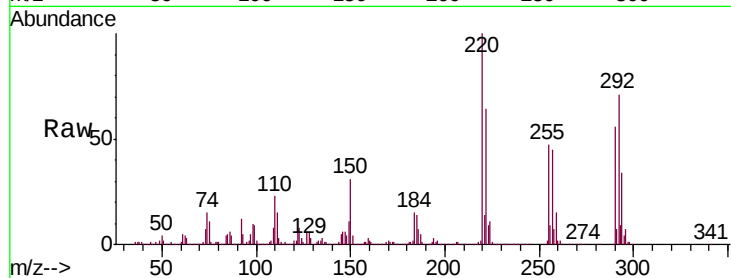
Tgt Ion:149 Resp: 134954

Ion Ratio Lower Upper

149 100

150 280.3 7.0 10.6#

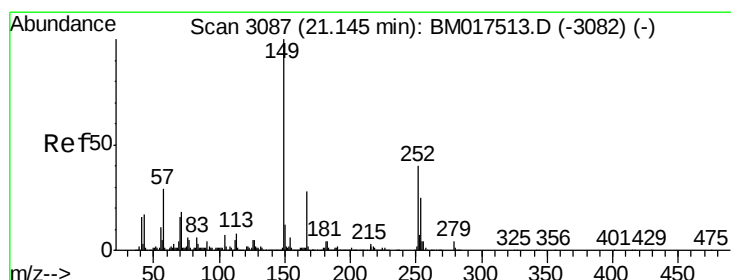
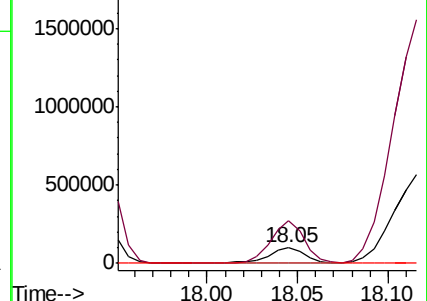
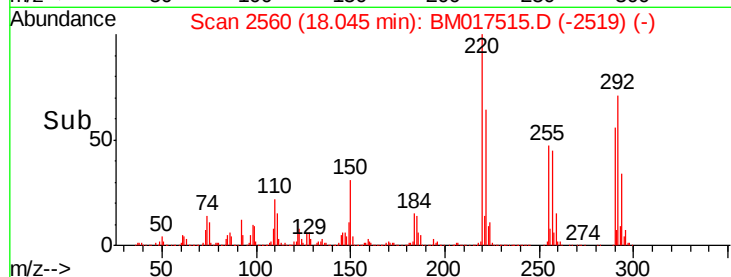
104 0.7 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.797 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. 0.01 min

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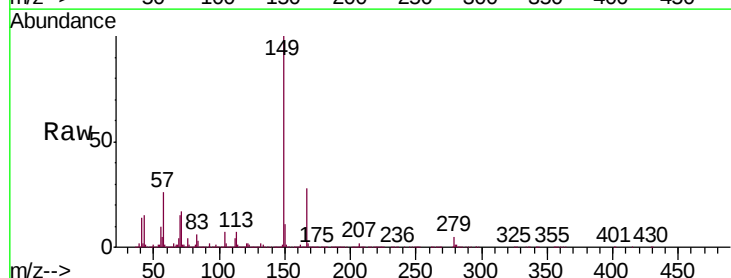
Tgt Ion:149 Resp: 3320982

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.6

279 4.9 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

